



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
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IOWA, Northeast

Allamakee County

10 E Postville 25 0150CST 0 0 3K Lightning

A lightning strike caused a house to catch on fire, but there were no injuries reported.

Clayton County

Strawberry Pt 25 1840CST 0 0 4.5K Lightning

A lightning strike set a house on fire, but no one was injured.

Fayette County

7 NW Westgate 29 2123CST 0 0 0.75K Thunderstorm Wind (MG53)

Fayette County

West Union 29 2130CST 0 0 1.5K Thunderstorm Wind (EG53)

Allamakee County

Postville 29 2140CST 0 0 1K Thunderstorm Wind (EG53)

Allamakee County

Waukon 29 2150CST 0 0 1.3K Thunderstorm Wind (EG53)

Allamakee County

Dorchester 29 2200CST 0 0 1.5K Thunderstorm Wind (EG54)

Thunderstorm wind gusts of 60 to 65 mph knocked down trees and power lines.

MINNESOTA, Southeast

Olmsted County

5 NW Rochester 07 0800CST 0 0 50K Hail(0.88)

Olmsted County

4 NW Rochester 07 0800CST 0 0 50K Hail(1.00)

Olmsted County

3 NW Rochester 07 0804CST 0 0 2K Hail(0.75)

Olmsted County

3 N Rochester 07 0805CST 0 0 30K Hail(1.00)

Olmsted County

2 N Rochester 07 0805CST 0 0 50K Hail(1.00)

Olmsted County

4 SSE Oronoco 07 0806CST 0 0 5K Hail(1.00)

Olmsted County

Rochester 07 0810CST 0 0 20K Hail(1.00)

Mower County

6 N Le Roy 07 0832CST 0 0 5K Hail(0.75)

Hail as large as nickels and quarters was reported by spotters, law enforcement officials and the public. Hardest hit was the northwest side of Rochester (Olmsted County) where numerous vehicles were damaged by large hail. In fact, estimates indicated nearly \$200,000 in damage to vehicles in the city of Rochester alone.

Wabasha County

Elgin 07 1924CST 0 0 1K 3K Hail(1.00)

Winona County

2 NW Elba 07 1944CST 0 0 Hail(0.75)

Olmsted County

Little Vly 07 1948CST 0 0 1.5K Thunderstorm Wind (EG55)

Olmsted County

2 NW Oronoco 07 2019CST 0 0 Hail(0.88)



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MINNESOTA, Southeast

Wabasha County

Mazeppa	07	2158CST			0	0	0.80K		Thunderstorm Wind (EG52)
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Wind gusts of 60 to 65 mph, along with hail the size of pennies and nickels, was reported by storm spotters, law enforcement officials and amateur radio operators.

Wabasha County

West Portion	07	2100CST 2230CST			0	0	1.5K	2.5K	Flash Flood
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Rainfall amounts of 4 to 5 inches in two hours caused flash flooding. Law enforcement officials reported some minor damage to roads in the Mazeppa, Oak Center and Zumbro Falls areas.

Dodge County

Mantorville	08	0350CST			0	0	0.25K		Thunderstorm Wind (EG50)
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Olmsted County

Byron	08	0410CST			0	0	0.10K		Thunderstorm Wind (MG51)
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Olmsted County

Rochester	08	0415CST			0	0			Hail(0.88)
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Olmsted County

Rochester	08	0415CST			0	0	0.30K		Thunderstorm Wind (EG52)
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Storm spotters reported wind gusts of 60 mph, along with hail the size of nickels.

Wabasha County

West Portion	08	0441CST 0640CST			0	0	1.5K		Flash Flood
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With the ground already saturated from heavy rain the previous evening, another round of heavy rain caused flash flooding. The resultant high water forced the closure of Highway 63 in Zumbro Falls. In addition, a storm spotter in Zumbro Falls reported a 24 hour rainfall total of 5.95 inches.

Dodge County

Hayfield	08	0630CST			0	0	35K		Lightning
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An early morning lightning strike caused a barn to burn down, killing approximately 11,000 turkeys

Mower County

Dexter	13	1955CST			0	0			Thunderstorm Wind (MG50)
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Olmsted County

2 SW Stewartville	13	1959CST			0	0			Thunderstorm Wind (EG52)
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Storm spotters estimated wind gusts of 60 mph.

WISCONSIN, Southwest

Clark County

2 W Loyal to 4 W Dorchester	04	1527CST 1606CST	17	50	0	0	600K	10K	Tornado (F1)
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Taylor County

4 NW Medford	04	1617CST 1620CST	0.2	20	0	0	25K		Tornado (F0)
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Taylor County

2 W Gilman	04	1927CST 1931CST	0.3	25	0	0	8K	5K	Tornado (F0)
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A tornado touched down near Loyal (Clark County), knocking down a pole barn and power lines. The tornado continued on a 17 mile long path, touching down intermittently. Several farm buildings along the tornado's path were damaged, along with one business being completely destroyed. A second tornado touched down near Medford (Taylor County), which damaged a house and nearby trees. The third and final tornado occurred near Gilman (Taylor County), damaging a residence and blowing a boat across a field. The tornado also overturned a few trees and blew some debris from nearby buildings into a field.



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<u>WISCONSIN, Southwest</u>							
Grant County							
Sinsinawa	04	2305CST			0 0	2.5K	Thunderstorm Wind (EG55)
A volunteer weather observer reported the tops of six large pine trees broken 50 to 60 feet above the ground by wind gusts estimated at 60 to 65 mph. In addition, a windmill on a farm was broken in half.							
Taylor County							
Medford Taylor Co Ar	05	1540CST			0 0	2.5K	Thunderstorm Wind (MG71)
Taylor County							
3 E Medford	05	1545CST			0 0	6K	Thunderstorm Wind (EG56)
Jackson County							
5 E Black River Falls	05	1605CST			0 0	0.75K	Thunderstorm Wind (EG50)
Law enforcement officials estimated wind gusts of 65 mph just east of Medford (Taylor County). A barn, as well as numerous trees and power lines, were blown down. In addition, a wind gust of 82 mph was recorded at the Taylor County airport, which damaged a couple of airplane hangars. Near Black River Falls (Jackson County), a few trees were damaged by wind gusts as high as 60 mph.							
Buffalo County							
Waumandee	07	0915CST			0 0		Hail(0.75)
Trempealeau County							
1 SE Ettrick	07	1011CST			0 0		Hail(0.75)
Hail the size of pennies was reported by the public.							
Juneau County							
4 W Wonewoc	07	1332CST			0 0		Thunderstorm Wind (EG56)
Juneau County							
2 W Wonewoc	07	1340CST			0 0		Hail(0.88)
Jackson County							
4 S Price	07	1609CST			0 0		Hail(0.75)
Jackson County							
Northfield	07	1635CST			0 0	1.5K	Hail(1.00)
Jackson County							
1 N Black River Falls	07	1710CST 1712CST			0 0		Funnel Cloud
Jackson County							
Merrillan	07	1711CST			0 0	1.3K	Hail(1.25)
Clark County							
2 W Neillsville	07	1821CST			0 0		Funnel Cloud
Clark County							
2 W Thorp	07	1900CST 1902CST			0 0		Funnel Cloud
Taylor County							
10 E Lublin	07	1905CST			0 0		Thunderstorm Wind (EG52)
Clark County							
3 N Neillsville	07	1945CST			0 0	1K	Hail(1.75)
Trempealeau County							
Pigeon Falls	07	2020CST			0 0	1.5K	Hail(1.00)
Trempealeau County							
Whitehall	07	2025CST			0 0	2.5K	Hail(1.00)
Storm spotters, law enforcement officials and the public reported hail ranging in size from nickels to golf balls. Wind gusts estimated at 60 to 65 mph were also reported. Funnel clouds were sighted near Black River Falls (Jackson County), as well as near Thorp and Neillsville (Clark County), but none touched down.							



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WISCONSIN, Southwest

Richland County

5 NE Richland Center **10** **1825CST** **0** **0** **0.25K** **Thunderstorm Wind (EG50)**
The public and amateur radio operators reported trees down along Highway 58 near Richland Center.

Buffalo County

Alma **11** **1315CST** **0** **0** **Hail(0.75)**

Buffalo County

3 NE Fountain City **11** **1315CST** **0** **0** **0.50K** **Thunderstorm Wind (EG52)**

Vernon County

Ontario **11** **1359CST** **0** **0** **0.30K** **Thunderstorm Wind (MG50)**
Wind gusts of 60 mph and penny size hail was reported by the public and storm spotters.

Buffalo County

Nelson **20** **1421CST** **0** **0** **Thunderstorm Wind (MG55)**
Wind gusts measured at 60 to 65 mph were reported by fire department personnel.

Taylor County

4 N Gilman **24** **0753CST** **0** **0** **Hail(1.75)**

Taylor County

8 W Chelsea **24** **0814CST** **0** **0** **Hail(0.88)**
Hail the size of nickels and golf balls was reported by the public.

Richland County

4 W Richland Center **24** **1605CST** **0** **0** **0.25K** **Thunderstorm Wind (EG52)**
A storm spotter estimated wind gusts of 60 mph, which knocked down several large tree limbs.

Vernon County

De Soto **29** **2207CST** **0** **0** **1.5K** **Thunderstorm Wind (EG53)**

Crawford County

3 S Eastman **29** **2215CST** **0** **0** **1K** **Thunderstorm Wind (MG57)**

Vernon County

Liberty Pole **29** **2222CST** **0** **0** **2K** **Thunderstorm Wind (EG54)**

Grant County

Boscobel **29** **2223CST** **0** **0** **2K** **Thunderstorm Wind (EG52)**

Vernon County

Readstown **29** **2224CST** **0** **0** **0.75K** **Thunderstorm Wind (EG54)**

Vernon County

Viroqua **29** **2224CST** **0** **0** **0.50K** **Thunderstorm Wind (EG52)**

Richland County

4 W Richland Center **29** **2240CST** **0** **0** **1.5K** **Thunderstorm Wind (EG53)**

Monroe County

Melvina **29** **2245CST** **0** **0** **3K** **Thunderstorm Wind (EG55)**

Vernon County

Ontario **29** **2247CST** **0** **0** **2.5K** **Thunderstorm Wind (EG55)**

La Crosse County

Onalaska **29** **2250CST** **0** **0** **Hail(0.75)**

Monroe County

2 NE Cashton **29** **2250CST** **0** **0** **2.5K** **Thunderstorm Wind (EG55)**

Richland County

Richland Center **29** **2250CST** **0** **0** **3K** **Thunderstorm Wind (EG54)**

Richland County

Richland Center **29** **2250CST** **0** **0** **1K** **Thunderstorm Wind (EG55)**



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WISCONSIN, Southwest

Vernon County Hillsboro	29	2254CST			0	0	2K		Thunderstorm Wind (EG55)
Monroe County 5 S Tomah	29	2311CST			0	0	1.5K		Thunderstorm Wind (EG61)
Juneau County Mauston	29	2315CST			0	0	0.75K		Thunderstorm Wind (EG52)
Adams County 1 W Big Flats	29	2335CST			0	0	2K		Thunderstorm Wind (EG55)
Taylor County Jump River	29	2338CST			0	0	0.25K		Thunderstorm Wind (EG50)
Grant County Burton	29	2340CST			0	0	0.50K		Thunderstorm Wind (EG52)
Grant County 2 S Platteville	29	2350CST			0	0	0.80K		Thunderstorm Wind (EG53)

Thunderstorm wind gusts of 60 to 70 mph knocked down numerous trees and power lines.